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PTO/SB/81 (10-00)

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**POWER OF ATTORNEY OR  
AUTHORIZATION OF AGENT**

Application Number	10/057,707
Filing Date	January 24, 2002
First Named Inventor	Pengfei Zhang
Group Art Unit	2817
Examiner Name	Unassigned
Attorney Docket Number	020798-000710US

#3/Power  
8/16/02  
C. Davis

I hereby appoint:

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☐ Applicant/Inventor.☒ Assignee of record of the entire interest. See 37 CFR 3.71.

Certificate under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).

**SIGNATURE of Applicant or Assignee of Record**

Name	MORTEZA SAIDI
Signature	[Signature]
Date	6/20/02

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below\*.

☐ \*Total of \_\_\_\_\_ forms are submitted.

Burden Hour Statement: This form is estimated to take 3 minutes to complete. Time will vary depending upon the needs of the individual case. Any Comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

PA 3227106 v1

PTO/SB/98 (08-00)

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Attorney Docket No. 020798-000710US

**STATEMENT UNDER 37 CFR 3.73(b)**Applicant/Patent Owner: Pengfei Zhang and Chet SoorapanthApplication No./Patent No.: 10/057,707 Filed/Issue Date: January 24, 2002Entitled: VCO WITH HIGH-Q SWITCHING CAPACITOR BANK

Resonext Communications, Inc. a Corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of an undivided part interest

In the patent application/patent identified above by virtue of either:

- A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

OR

- B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: \_\_\_\_\_ To : \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

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☐ Additional documents in the chain of title are listed on a supplemental sheet.

- ☒ Copies of assignments or other documents in the chain of title are attached.

(NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.8)

The undersigned (whose title is supplied below) is empowered to sign this statement on behalf of the assignee.

6/20/02  
Date

MORTEZA SAID  
Signature  
MORTEZA SAID  
Typed or printed name  
(CTO)  
Title

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**COPY**

Attorney Docket N : 020798-000710US

**ASSIGNMENT OF PATENT APPLICATION****JOINT**

WHEREAS, Pengfei Zhang of 5300 Shamrock Common, Fremont, CA 94555; Chet Soorapanth of 1200 Dale Avenue #118, Mountain View, CA 94040; hereinafter referred to as "Assignors," are the inventors of the invention described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: VCO WITH HIGH-Q SWITCHING CAPACITOR BANK

Date(s) of execution of Declaration:

Filing Date:

Application No.: ; and

WHEREAS, Resonance Communications, Inc., a corporation of the state of Delaware, located at 1754 Technology Drive, Suite 200, San Jose, CA, 95110, hereinafter referred to as "ASSIGNEE," is desirous of acquiring an interest in the invention and application and in any U.S. Letters Patent and Registrations which may be granted on the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents do assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignors had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignors further agree that they will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including patent applications and instruments of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

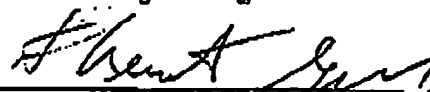
Assignors hereby authorize and request Townsend and Townsend and Crew LLP, Two Embarcadero Center, 8<sup>th</sup> Floor, San Francisco, CA 94111-3834, to insert herein above the application number and filing date of said application when known.

IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

Dated: 1/22/02

  
Pengfei Zhang

Dated: 1/23/02

  
Chet Soorapanth

PA 3180431 v1

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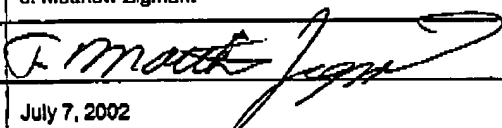
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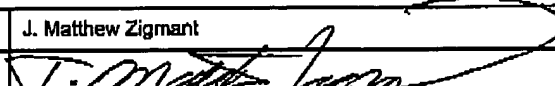
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<b>TRANSMITTAL FORM</b>  <i>(to be used for all correspondence after initial filing)</i>	Applicati n Number	10/057,707	
	Filing Date	January 24, 2002	
	First Named Inventor	Zhang, Pengfei	
	Group Art Unit	2817	
	Examiner Name	David C. Mis	
Total Number of Pages in This Submission	5	Attorney Docket Number	020798-000710US

ENCLOSURES (check all that apply)		
<input type="checkbox"/> Fee Transmittal Form  <input type="checkbox"/> Fee Attached  <input type="checkbox"/> Amendment / Response  <input type="checkbox"/> After Final  <input type="checkbox"/> Affidavits/declaration(s)  <input type="checkbox"/> Extension of Time Request  <input type="checkbox"/> Express Abandonment Request  <input type="checkbox"/> Information Disclosure Statement  <input type="checkbox"/> Certified Copy of Priority Document(s)  <input type="checkbox"/> Response to Missing Parts/ Incomplete Application  <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input checked="" type="checkbox"/> Copy of Recorded Assignment (to accompany 3.73(b)) (1 page)  <input type="checkbox"/> Drawing(s)  <input type="checkbox"/> Licensing-related Papers  <input type="checkbox"/> Petition Routing Slip (PTO/SB/69) and Accompanying Petition  <input type="checkbox"/> Petition to Convert to a Provisional Application  <input checked="" type="checkbox"/> Executed Power of Attorney (1 pg)  <input type="checkbox"/> Terminal Disclaimer  <input type="checkbox"/> Request for Refund  <input type="checkbox"/> CD, Number of CD(s)	<input type="checkbox"/> After Allowance Communication to Group  <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences  <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)  <input type="checkbox"/> Proprietary Information  <input type="checkbox"/> Status Letter  <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): 1. Executed Statement under 37 CFR 3.73(b) (1 page) 2. Facsimile coversheet (1 page)
Remarks  <div style="border: 1px solid black; height: 40px; width: 100%;"></div>		The Commissioner is authorized to charge any additional fees to Deposit Account 20-1430.  <div style="text-align: right; font-weight: bold; font-size: 1.2em;">FAX COPY RECEIVED</div> <div style="text-align: right; font-weight: bold; font-size: 1.2em;">JUL 8 2002</div> <div style="text-align: right; font-weight: bold; font-size: 1.2em;">TECHNOLOGY CENTER 2800</div>

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm and Individual name	Townsend and Townsend and Crew LLP J. Matthew Zigmant Reg. No. 44,005
Signature	
Date	July 7, 2002

CERTIFICATE OF MAILING	
I hereby certify that this correspondence is being facsimile transmitted to the Patent and Trademark Office, Fax No. (703) 872-9318 on July 7, 2002	
Typed or printed name	J. Matthew Zigmant
Signature	
Date	July 7, 2002

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Attorney Docket Number: 020798-000710US

PTO FAX NO.: 1-703-872-9318  
ATTENTION: Examiner David C. Mis

Group Art Unit 2817

**POWER OF ATTORNEY AND  
STATEMENT UNDER 3.73(b)**

**FOR ENTRY IN APPLICATION NO. 10/057,707  
FILED JANUARY 24, 2002**

**CERTIFICATE OF FACSIMILE TRANSMISSION**

I certify that the following documents regarding application number 10/057,707, filed January 24, 2002, titled  
VCO WITH HIGH-Q SWITCHING CAPACITOR BANK, by Pengfei Zhang et al., is being facsimile  
transmitted to the Patent and Trademark Office on the date shown below.

Documents Attached

1. Transmittal Form (1 page)
2. Executed Power of Attorney (1 page)
3. Executed Statement under 3.73(b) (1 page)
4. Copy of recorded assignment (1 page)

Number of pages being transmitted, including this page: 5

Dated: July 7, 2002

  
J. Matthew Zigmant

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TOWNSEND and TOWNSEND and CREW LLP  
Two Embarcadero Center, 8th Floor  
San Francisco, CA 94111-3834  
Telephone: 650-326-2400 Fax: 650-326-2422

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